AMPERWARE version 1.0

PRELIMINARY USERS' GUIDE

Scientific Software Products, Inc.

3171 Donald Avenue
Indianapolis, IN 46224
(317) 299-0467

SSP INC.

AMPERWARE

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Version 2.0

DOS 3.3

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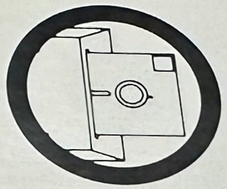
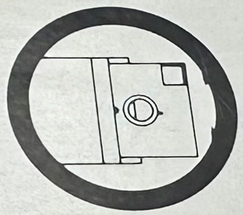
For extended media life—
here's how to take care of your flexible disk

Precision surface.
No fingers, please!



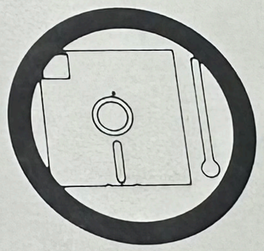
For your disk's sake (and the system's, too) insert disk carefully.

Magnetic fields erase.
Keep them far away.



Keep it safe —
in the envelope
when not in use.

Bending and folding
may damage.
Handle with care.



Keep disks comfortable. Store at:
10° to 52° C.
50° to 125° F.

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INTRODUCTION

Amperware is a collection of assembly language routines written for the Apple II to enhance Applesoft BASIC. These routines, which are readily accessed from BASIC will add speed and flexibility to your Applesoft programs as well as make coding much more rapid.

Amperware requires that you have Applesoft in ROM, a Language System or any one of the various memory expansion cards into which Applesoft may be loaded. You must also have the Autostart ROM installed since **Amperware** uses some of the firmware routines which it contains. Because of the size of **Amperware** and the space required for the disk operating system (DOS), a minimum of 48 K of RAM is required. This will leave over 33 K for program and variable storage. Finally, a disk drive, while not essential for **Amperware** to function, is needed since many of **Amperware**'s features are oriented toward the disk and loading **Amperware** from tape all of the time would be tedious at best. In summary then, you need 48 K, ROM Applesoft (or its equivalent), Autostart ROM and at least one disk drive.

Amperware was developed by Scientific Software Products, Inc. for use in its own software. The package proved so useful that we felt every Applesoft programmer would benefit from it and so offer it as a separate package. A lot of time and hard work went into **Amperware** and we feel it is a good product. So good in fact that we would like to see everyone use it in their commercial products. All we ask before **Amperware** is used commercially is that: (1) we receive a copy of the product and documentation; (2) a copyright notice reading **Amperware is copyright 1982 by Scientific Software Products, Inc.** be displayed prominently in the written documentation and in the program itself and (3) it is understood that all liability for **Amperware**'s function lies with you. If you have the courtesy to comply with the above requests, everyone may have a chance to enjoy the benefits of **Amperware.**

If you should decide to use **Amperware** in a commercial product you are welcome to use the text which appears in **Appendix C.** This text is a description of the editing features of the ***Amperware*** EDT command. You will, of course, need to add a discussion of what various control codes will do since these are dependent on you code.

Before using **Amperware** or running any of the demonstration programs, you should make a back-up copy of the **Amperware** diskette. We have not copy protected **Amperware** in order to make life simpler for you. Please do not violate our trust.